Piluso Charles M. Form 3 December 16, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Data Storage Corp [DTST] Piluso Charles M. (Month/Day/Year) 12/16/2011 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 401 FRANKLIN (Check all applicable) **AVENUE, Â SUITE 103** (Street) 6. Individual or Joint/Group 10% Owner _X__ Director _X_ Other _X__ Officer Filing(Check Applicable Line) (give title below) (specify below) _X_ Form filed by One Reporting President, CEO, CFO / Chairman Person GARDEN CITY, Â NYÂ 11530 of the Board Form filed by More than One Reporting Person (City) (State) (Zip)

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security 2. Amount of Securities 4. Nature of Indirect Beneficial Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Â Common Stock D 10,067,899

Common Stock 784,615 I Piluso Family Associates, LLC

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of
Security	Expiration Date	Securities Underlying Derivative	Conversion	Ownership	Indirect Beneficial
(Instr. 4)	(Month/Day/Year)	Security	or Exercise	Form of	Ownership
		(Instr. 4)	Price of	Derivative	(Instr. 5)

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	
Options (1)	05/27/2010	05/25/2019	2009 Equity Incentive Plan for 2008 BOD Participation Issued	23,058	\$ 0.3161	D	Â
Options (1)	01/01/2011	12/30/2019	2009 Equity Incentive Plan for 2009 BOD Participation Issued	13,888	\$ 0.36	D	Â
Options (1)	12/17/2011	12/15/2020	2009 Equity Incentive Plan for 2010 BOD Participation Issued	14,286	\$ 0.35	D	Â
Options (1)	12/10/2012	12/08/2021	2008 Equity Incentive Plan in lieu of salary Issued 12/9/11	250,000	\$ 0.36	D	Â
Warrants	06/30/2010	06/30/2020	10 Year Warrants	695,640	\$ 0.01	D	Â
Convertible Debt	06/16/2010	06/15/2013	Convertible Promissory Note 10%	\$ 230,769.24	\$ 0.39	D	Â
Warrants	06/30/2010	06/30/2020	10 Year Warrants	927,519	\$ 0.01	I	Piluso Family Associates, LLC
Convertible Debt	06/16/2010	06/15/2013	Convertible Promissory Note 10%	\$ 307,692.45	\$ 0.39	I	Piluso Family Associates, LLC

Reporting Owners

Reporting Owner Name / Address	Relationships				
• 0	Director	10% Owner	Officer	Other	
	ÂΧ	Â	President, CEO, CFO		

Reporting Owners 2

Piluso Charles M. **401 FRANKLIN AVENUE SUITE 103** GARDEN CITY, NYÂ 11530 Chairman of the Board

Signatures

/s/ Charles M. 12/16/2011 Piluso

**Signature of Date

Reporting Person

Explanation of Responses:

- If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- Options vest 20% on 1 year anniversary and 1.67% per month until fully vested.

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Remarks:

Charles M. Piluso is a member of Piluso Family Associates, LLC

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Signatures 3